

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	23	(US-20020016548-\$ or US-20020128563-\$ or US-20020128564-\$ or US-20030199937-\$ or US-20040193066-\$ or US-20040210256-\$ or US-20040230241-\$ or US-20050187582-\$ or US-20050192505-\$ or US-20050209647-\$ or US-20050215914-\$ or US-20050245972-\$).did. or (US-5871507-\$ or US-5871509-\$ or US-6091987-\$ or US-6112119-\$ or US-6163721-\$ or US-6167303-\$ or US-6185454-\$ or US-6748272-\$ or US-RE38476-\$ or US-6636764-\$ or US-5453698-\$).did.	US-PGPUB; USPAT	AND	ON	2005/11/14 10:09
L4	2	L3 ((lead near3 maturation) or (fibrosis near10 lead)) ((implantable adj medical adj device) or IMD or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/14 10:18
L5	2	L3 ((lead near3 maturation) or (fibrosis near10 lead)) ((implantable adj medical adj device) or IMD or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device)) lead	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/14 10:49
L7	1	("6256541").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/14 10:49
L8	1	7 noise	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/14 10:56
L9	1	("20040002743").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/14 10:56
L10	1	9 (gain or amplitude)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/14 10:57
L11	1	9 (gain or amplitude) morphology	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/14 11:17
L12	1	"20050004609"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/14 11:18

L13	1	("20050004609").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/14 11:18
L14	1	12 ((fast adj fourier adj transform) or FFT) frequency (gain or amplitude)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/14 11:19
L15	1	12 ((fast adj fourier adj transform) or FFT) frequency (gain or amplitude) (sense adj amplifier)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/14 11:23
L16	5261	((600/508) or (600/509) or (607/2) or (607/4) or (607/5) or (607/9) or (607/25) or (128/901)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/14 11:23
L17	18	L16 ((fast adj fourier adj transform) or FFT) frequency (gain or amplitude) (sense adj amplifier)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/14 11:23
S1	5243	((600/508) or (600/509) or (607/2) or (607/4) or (607/5) or (607/9) or (607/25) or (128/901)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/10 08:53
S2	395	S1 (IMD or (implantable adj medical adj device)) lead (sense adj amplifier)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 13:24
S3	14	S1 (IMD or (implantable adj medical adj device)) lead (sense adj amplifier) (FFT or (fast adj fourier adj transform))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:35
S4	0	S1 ((wavelet or morphology) adj recognition adj algorithm)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:10
S5	0	S1 ((wavelet or morphology) naer recognition near algorithm)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:10
S6	0	S1 ((wavelet or morphology) nearr recognition near algorithm)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:10
S7	0	S1 ((wavelet or morphology) near recognition near algorithm)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:10
S8	1	S1 ((wavelet or morphology) near3 recognition near3 algorithm)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:14
S9	6	S1 ((wavelet or morphology) near3 recognition)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:17
S10	1	("5871507").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/07 09:17
S11	0	S10 (sense adj amplifier)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:17

S12	21	S1 lead (sense adj amplifier) (FFT or (fast adj fourier adj transform))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:20
S13	14	S1 (IMD or (implantable adj medical adj device)) lead (sense adj amplifier) (FFT or (fast adj fourier adj transform)) implant\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:35
S14	9	S1 (IMD or (implantable adj medical adj device)) lead (sense adj amplifier) (FFT or (fast adj fourier adj transform)) (implant\$4 near4 lead)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/07 09:36
S15	5249	((600/508) or (600/509) or (607/2) or (607/4) or (607/5) or (607/9) or (607/25) or (128/901)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/08 09:15
S16	5249	S15	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 09:15
S17	70	S16 IMD (housing or (hermetically adj seal\$3)) (sense adj amplifier) bandpass	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 09:16
S18	141	S16 (IMD or (implantable adj medical adj device)) (housing or (hermetically adj seal\$3)) (sense adj amplifier) bandpass	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 11:35
S19	1	("20040193066").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/08 10:46
S20	1	S19 lead	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 11:31
S21	2	((("5913880") or ("4381786"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/09 14:28

S22	24	(US-20050187582-\$ or US-20050192505-\$ or US-20050245972-\$ or US-20050215914-\$ or US-20050209647-\$ or US-20040230241-\$ or US-20040210256-\$ or US-20040193066-\$ or US-20030199937-\$ or US-20020128564-\$ or US-20020128563-\$ or US-20020016548-\$).did. or (US-5871507-\$ or US-RE38476-\$ or US-6748272-\$ or US-6397100-\$ or US-6381493-\$ or US-6324421-\$ or US-6185454-\$ or US-6167303-\$ or US-6163721-\$ or US-6112119-\$ or US-6091987-\$ or US-5871509-\$). did.	US-PGPUB; USPAT	AND	ON	2005/11/09 14:05
S23	23	S22 lead	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 11:35
S24	20	S22 lead pacemaker	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 11:35
S25	22	S22 lead (pacemaker or (implantable adj cardiac adj defibrillator) or ICD)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 11:35
S26	5249	((600/508) or (600/509) or (607/2) or (607/4) or (607/5) or (607/9) or (607/25) or (128/901)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/08 11:36
S27	5249	S26	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 11:36
S28	215	S27 (IMD or (implantable adj medical adj device) or ICD or (implantable adj cardiac adj defibrillator)) (housing or (hermetically adj seal\$3)) (sense adj amplifier) bandpass	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 11:37
S29	153	S27 (ICD or (implantable adj cardiac adj defibrillator)) (housing or (hermetically adj seal\$3)) (sense adj amplifier) bandpass	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 11:38
S30	74	S27 (ICD or (implantable adj cardiac adj defibrillator)) (housing or (hermetically adj seal\$3)) (sense adj amplifier) bandpass not (IMD or (implantable adj medical adj device))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/08 11:39

S31	24	(US-20050187582-\$ or US-20050192505-\$ or US-20050245972-\$ or US-20050215914-\$ or US-20050209647-\$ or US-20040230241-\$ or US-20040210256-\$ or US-20040193066-\$ or US-20030199937-\$ or US-20020128564-\$ or US-20020128563-\$ or US-20020016548-\$).did. or (US-5871507-\$ or US-RE38476-\$ or US-6748272-\$ or US-6397100-\$ or US-6381493-\$ or US-6324421-\$ or US-6185454-\$ or US-6167303-\$ or US-6163721-\$ or US-6112119-\$ or US-6091987-\$ or US-5871509-\$). did.	US-PGPUB; USPAT	AND	ON	2005/11/09 14:05
S32	24	S31	US-PGPUB; USPAT	AND	ON	2005/11/09 14:05
S33	10	S32 and (IMD or (implantable adj medical adj device) or ICD or (implantable adj (cardiac or cardioversion) adj device)) hermetic\$4 (sens\$3 near3 amplifier) bandpass	US-PGPUB; USPAT	AND	ON	2005/11/09 14:07
S34	2	((("5913880") or ("4381786"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/09 14:28
S35	2	S34	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:31
S36	1	S34 bandpass	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:29
S37	2	S34	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:28
S38	1	S34 bandpass (sense near3 amplifier)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:29
S39	5249	((600/508) or (600/509) or (607/2) or (607/4) or (607/5) or (607/9) or (607/25) or (128/901)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/09 14:37
S40	14	S39 (IMD or (implantable adj medical adj device)) lead (sense adj amplifier) (FFT or (fast adj fourier adj transform)) implant\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 11:13
S41	14	S40	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:37

S42	10	S39 (fibrosis near10 lead)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:37
S43	16	S39 ((fibrosis near10 lead) or (lead near3 maturation))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:37
S44	8	S39 ((fibrosis near10 lead) or (lead near3 maturation)) (IMD or (implantable adj medical adj device) or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:44
S45	8	S39 ((fibrosis near10 lead) or (lead near10 maturation)) (IMD or (implantable adj medical adj device) or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 16:31
S46	89	((fibrosis near10 lead) or (lead near3 maturation)) (IMD or (implantable adj medical adj device) or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:46
S47	58	((fibrosis near10 lead) or (lead near3 maturation)) (IMD or (implantable adj medical adj device) or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device)) not hunter.in.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:48
S48	0	S35 ((lead adj maturation) or (fibrosis near3 lead))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 14:48
S49	23	(US-20020016548-\$ or US-20020128563-\$ or US-20020128564-\$ or US-20030199937-\$ or US-20040193066-\$ or US-20040210256-\$ or US-20040230241-\$ or US-20050187582-\$ or US-20050192505-\$ or US-20050209647-\$ or US-20050215914-\$ or US-20050245972-\$).did. or (US-5871507-\$ or US-5871509-\$ or US-6091987-\$ or US-6112119-\$ or US-6163721-\$ or US-6167303-\$ or US-6185454-\$ or US-6748272-\$ or US-RE38476-\$ or US-6636764-\$ or US-5453698-\$).did.	US-PGPUB; USPAT	AND	ON	2005/11/09 15:34

S50	23	S49	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/09 15:35
S51	2	S49 ((lead near3 maturation) or (fibrosis near10 lead))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/14 10:08
S52	5261	((600/508) or (600/509) or (607/2) or (607/4) or (607/5) or (607/9) or (607/25) or (128/901)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/10 08:53
S53	5261	S52	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 08:53
S54	234	S53 (implant\$3 near3 lead) ((implantable adj medical adj device) or IMD or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device)) (sense adj amplifier)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 08:55
S55	11	S53 (implant\$3 near3 lead) ((implantable adj medical adj device) or IMD or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device)) (sense adj amplifier) ((fast adj fourier adj transform) or fft)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 09:30
S56	2	("2004002743").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/10 09:26
S57	2	S56	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 09:26
S58	1	("20040002743").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/10 09:26
S59	1	S58 morphology	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 09:43
S60	22	S53 (implant\$3 near3 lead) ((implantable adj medical adj device) or IMD or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device)) (sense adj amplifier) ((morphology near3 (detector or algorithm)) or (wavelet near3 (detector or algorithm)))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 09:32

S61	10	S53 (implant\$3 near3 lead) ((implantable adj medical adj device) or IMD or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device)) (sense adj amplifier) ((morphology near3 (detector or algorithm)) or (wavelet near3 (detector or algorithm))) frequency (amplitude or gain)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 10:02
S62	1	S58 morphology frequency	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 09:46
S63	28	(implant\$3 near3 lead) ((implantable adj medical adj device) or IMD or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device)) (sense adj amplifier) ((morphology near3 (detector or algorithm)) or (wavelet near3 (detector or algorithm))) frequency (amplitude or gain) (morphology or wavelet)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 11:00
S64	1	("5871507").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/10 11:00
S65	0	S64 (FFT or (fast adj fourier adj transform))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 11:01
S66	1	S64 morphology	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 11:01
S67	27	(US-20020016548-\$ or US-20020128563-\$ or US-20020128564-\$ or US-20030199937-\$ or US-20040193066-\$ or US-20040210256-\$ or US-20040230241-\$ or US-20050187582-\$ or US-20050192505-\$ or US-20050209647-\$ or US-20050215914-\$ or US-20050245972-\$ or US-20050125041-\$ or US-20020019593-\$).did. or (US-5453698-\$ or US-5871507-\$ or US-5871509-\$ or US-6091987-\$ or US-6112119-\$ or US-6163721-\$ or US-6167303-\$ or US-6185454-\$ or US-6636764-\$ or US-6748272-\$ or US-RE38476-\$ or US-6393316-\$ or US-6256541-\$).did.	US-PGPUB; USPAT	AND	ON	2005/11/10 11:06

S68	11875	"27" (FFT or (fast adj fourier adj transform))	US-PGPUB; USPAT	AND	ON	2005/11/10 11:12
S69	7	S67 (FFT or (fast adj fourier adj transform))	US-PGPUB; USPAT	AND	ON	2005/11/10 11:12
S70	6	S67 (IMD or (implantable adj medical adj device)) lead (sense adj amplifier) (FFT or (fast adj fourier adj transform)) implant\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 11:22
S71	24196	(FFT or (fast adj fourier adj transform))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 11:25
S72	97	(FFT or (fast adj fourier adj transform)) (IMD or (implantable adj medical adj device))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 11:25
S73	177	(FFT or (fast adj fourier adj transform)) (IMD or (implantable adj medical adj device) or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device))	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 11:26
S74	30	(FFT or (fast adj fourier adj transform)) (IMD or (implantable adj medical adj device) or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device)) (sense adj amplifier)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 11:51
S75	20	(FFT or (fast adj fourier adj transform)) (IMD or (implantable adj medical adj device) or ICD or (implantable adj cardiac adj device) or (implantable adj cardioversion adj device)) (sense adj amplifier) fourier	US-PGPUB; USPAT; EPO; JPO	AND	ON	2005/11/10 11:51
S76	1	("5453698").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/11/12 13:48